



## Water management, water security and climate change adaptation: Early impacts and essential responses

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### Abstract:

This paper argues that water resources management should be a focus for climate change adaptation and that IWRM is the most suitable approach to adaptive action. It outlines the likely social, economic and environmental impacts of climate change; the challenges climate change poses for water resources management; the actions needed to address those challenges – investments in infrastructure, institutions and information; and approaches to financing IWRM for adaptation.

**Source:** [http://www.gwp.org/globalassets/global/gwp-cacena\\_files/en/pdf/tec14.pdf](http://www.gwp.org/globalassets/global/gwp-cacena_files/en/pdf/tec14.pdf)

### Resource Description

#### Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

**Other Communication Audience:** Water resource managers

#### Exposure :

weather or climate related pathway by which climate change affects health

Food/Water Quality, Food/Water Security

#### Geographic Feature:

resource focuses on specific type of geography

Freshwater

#### Geographic Location:

resource focuses on specific location

Global or Unspecified

#### Health Co-Benefit/Co-Harm (Adaption/Mitigation):

# Climate Change and Human Health Literature Portal

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

## **Health Impact:**

specification of health effect or disease related to climate change exposure

Infectious Disease

**Infectious Disease:** Foodborne/Waterborne Disease

**Foodborne/Waterborne Disease:** General Foodborne/Waterborne Disease

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

**Other Projection Model/Methodology:** Discussion only

**Population of Concern:** A focus of content

## **Population of Concern:**

populations at particular risk or vulnerability to climate change impacts

Low Socioeconomic Status

## **Resource Type:**

format or standard characteristic of resource

Review

## **Resilience:**

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

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## **Timescale:**

time period studied

Time Scale Unspecified

## **Vulnerability/Impact Assessment:**

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

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